

Form PTO-100
(REV. 7-97) U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICESTATEMENT OF PRIOR ART
CITED BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No. (Optional)

15144

Application Number

10/007,015

Applicant(s)
Ryo Ito, et al.Filing Date
December 4, 2001Group Art Unit
269 Technology Center 2690

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NOV 14 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
KN	AA	5,367,311	11/22/94	Egashira, et al.			
KN	AB	6,147,652	11/14/00	Sekine			
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
KN	-	0 246 026 A2	11/19/87	Europe				
KN	-	2 255 460 A	11/4/92	United Kingdom				
KN	-	0 924 795 A1	6/23/99	Europe				
KN	-	2 345 209 A	6/28/00	United Kingdom				
KN	-	WO 01/26181 A1	4/12/01	PCT				
KN	-	WO 02/29988 A1	4/11/02	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Changyan

DATE CONSIDERED

6/29/04

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SEP 1 1963

15144

10/007.015

Ryo Ito, et al.

Dec. 4, 2001

2681

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SEP 12 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: <i>Chapman</i>	DATE CONSIDERED: <i>6/29/2004</i>
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EXAMINER

DATE CONSIDERED

6/29/2004

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Form PTO-1449
(REV. 1-62) U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF PRIOR ART CITED BY APPLICANT



Atty. Docket No. (Optional)

15144

Application Number

10/007,015

Applicant(s)

Ryo Ito, et al.

Filing Date

December 4, 2001

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2681

U.S. PATENT DOCUMENTS

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APR 12 2004

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FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
KN	0 694 984A1	11/14/01	EPO			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

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DATE CONSIDERED

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Group Art Unit
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U.S. PATENT DOCUMENTS

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AA						
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AC						
AD						
AE						

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JUL 08 2004

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EW		Chinese Office Action dated April 2, 2004 with English language translation

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